INDEX TO VOLUME XXV

(Asterisked entries are titles.)

*Abbie, A. A., and Adey, W. R., Ossification in a Central Australian Tribe, 265-78
Age—and cranial thickness, 81 ff.; and sex differences in body dimensions, 32-3; composition of—a Papago community, 195 ff., a Hutterite population, 214 ff.; factor in body measurements, 50 ff.
Agriculture and length of life, 8
Algerian Moslems—age distribution, 215; death rates, 237; population increase, 243
American Indian (see also Navaho, Papago), evidence of skeletal materials on life span of, 3 ff.
Amino acid excretion, anomalies of, 319, 330
Anderson, R. J., on cranial thickness, 81
Angel, J. L., on probable life span of ancient Greeks, 4, 6
Anthropometry and—determination of physical type, 65 ff., nutritional status, 28 ff.
Antibody response to secondary antigen stimulus, 279 ff.
Antigen stimulus, factors determining antibody response to secondary, 279 ff.
Aranda, of Australia, intertribal marriage among, 177
Arizona Indian village, demographic pattern of an, 191 ff.
Arm and hand—length growth in man and chimpanzee, 117 ff.; nutritional status and, 31; ossification in an Australian tribe, 269-71
Australian aborigines—ossification in a tribe of, 265 ff.; range of movements, 170 ff.; tribal and intertribal marriage of, 169 ff.

Baer, M. J., on facial dimensions and age, 59
Beaglehole, P., on household composition of Hopi, 192, 193
Berry, W. T. C., and Cowin P. J., on pubic development of English boys, 74
Biblical evidence on fertility of women in ancient Near East, 203 ff.
Birth control—among Hutterites of North America, 253 ff.; Indianapolis study of, 254
Birth interval and—body size, 13 ff.; life span, 19
Body dimensions—in Chimpanzee, 93 ff.; in relation to—age, 50 ff., 65 ff., 333, birth interval and order, 13 ff., cranial thickness, 81 ff., thigh girth, 30, sex, 32 ff.
Body growth, mathematical analysis of, 333 ff.
Body weight—and dimensions at different ages, 68 ff., 100 ff.; increase of, 31, 34, 100 ff., 333 ff.
Bowles, G. T., on age and body size, 60
*Brožek, J., Thigh Girth and Nutritional Status, 159-62
Brožek, J., and Keys, A., on measurement of muscle and fat, 144, 151; on 'normal' weight, 30-31
Buechi, E. C., on body dimensions and age, 59, 60
Burt, C. L., on physical typology, 67

*Campbell, B., and Petersen, W. E., Milk 'Let-down' and the Orgasm in the Human Female, 165-68
Canada, Hutterite settlements in, 212
Central Australia, tribal and intertribal marriage in, 183
Children—determination of physical type in, 65 ff.; nutritional status of, as measured by thigh girth, 28 ff.; ponderal index for, 111
Chimpanzee, growth and development of, 93 ff.
Chuichu, Arizona, demographic patterns in, 191 ff.
Constitutional types and measurement of nutritional status, 29
*Coolidge, S., Note on the Fertility of a Number of Women of the Ancient Near East, 203-5
Coon, C. S., on facial dimensions and age, 59
Cow, milk 'let-down' in the, 166
Cranial thickness, increase of during growth, 81 ff.
Cultural factors in—mortality rates, 10-11, 241 ff., Navaho marriage, 300-02, population growth, 10, 235

Davenport, C. B., on rate of body growth 333, 334, 336
De Castro, J., on fecundity and poverty, 259
De Lee, J. B., and Greenhill, J. P., on growth rate of infants, 354
Demography—of Hutterites in North America, 206 ff.; of a Papago community in Arizona, 191, 206 ff.
Dent, C. E., and Harris, H., on genetic relationships of cystinuria, 319
Dermatoglyphics of Egyptians, 154 ff.
Diet and heredity in human metabolism, 318, 327
Dublin, L. I., Lotka, A. J., and Spiegelman, M. J., on sex and mortality, 239-40

Eaton, J. W., and Mayer, A. J., Social Biology of Very High Fertility among the Hutterites, 206-64
Egyptian dermatoglyphics, 154 ff.
Endogamy, definition of, 295
English—children, determination of physical type of, 65 ff.; life span, 11th century, 4
Eskimo, pelvis of, 21 ff.
European contacts of Indians and length of life, 8

Facial dimensions—and age, 54 ff., 61; in man and chimpanzee, 130 ff.
Family size in a Papago community, 192-93, 198
Fecundity of Hutterites in North America, 228 ff.
Fertility of women—in ancient Near East, 203 ff.; in Hutterite population, 206 ff., 218 ff.; in a Papago community, 195, 200
Finger-tip patterns of Egyptians, 155
Fisher, R. A., on inbreeding, 297
Formosan Chinese—analysis of growth statistics of, 333 ff.; average weight of, 337, 348
Frazer, J. E., on ossification, 265, 276

*Garn, S. M., and Saalberg, J. H., Sex and Age Differences in the Composition of the Adult Leg, 144-53

*Gavan, J. A., Growth and Development of the Chimpanzee, 93-143.
Gene flow through intertribal marriage, 172 ff.
Glass, D. V., on prediction of population growth, 249
Glenny, A. T., and Sudmersen, H. J., on secondary antigen stimulus, 279
*Goldstein, M. S., Some Vital Statistics Based on Skeletal Material, 3-12—on body measurements of Mexicans, 51; on facial dimensions and age, 59
Granqvist, H., on size of families in Palestine villages, 203
Grether, W. F., and Yerkes, R. M., on weight and growth of chimpanzee, 101, 102
Greek, ancient—fertility of, 204; life span of, 4, 6
Greenhill, J. P., on reproductive efficiency, 234
Groen, J. B. K., Tjiong, C. E., and Willebrands, A. F., on influence of cholesterol intake on blood levels, 318, 327
Growth—effect of birth interval on, 13; mathematical analysis of, 333 ff.

Haldane, J. B. S., and Moshinsky, P., on inbreeding, 297-98, 299, 309, 316
*Hammond, W. H., Determination of Physical Types in Children, 65-80
*Hanna, R. E., and Washburn, S. L., Determination of the Sex of Skeletons, 21-27
Head dimensions (see alsa Cranial thickness)—and age, 55 ff., 58 ff., 130 ff.; and order of birth, 15 ff.
Hemoglobin, genetically controlled variations in, 319
Hip development in man and chimpanzee, 114 ff.
Hooton, E. A., on body dimensions and age, 58-59, on American Indians—life span of, 4, 5, 6; sex ratio of, 9-10
Hooton, E. A., and Dubertius, C. W., on facial dimensions and age, 59, 61; on weight increase with age, 144
Hopi—family size among, 193; matrilinear tendency among, 192
Howells, W. W., Birth Interval and Body Size, 13-20; on sex determination of skeletons, 21
Hrdlička, A., on sex determination in skeletal material, 26
Hutterites in North America—age and sex distribution, 214 ff.; birth control, 253 ff.; birth rates, 223 ff.; demography, 206 ff.; fecundity and fertility, 219 ff., 228 ff.; infant mortality, 240; marriage rate, 222; migration, 207-08, 247-48; mortality, 236 ff.; population increase, 207 ff., 218, 243 ff.; settlements, 209 ff.

Immunization, effect on antigen response of, 270 ff.
Inbreeding—coefficients of a Navaho population, 295 ff.; definition of, 295; effect on fertility of, 314
India, mortality at various ages in, 5
Indianapolis study of birth control, 254
Infant mortality—among Hutterites in North America, 240 ff.; in U. S. A., 11, 241
*Ipsen, J., Jr., Factors of Dosage and Host Determining Antibody Response to Secondary Antigen Stimiulus, 279-94
Israel—age distribution in, 215; death rate, 237; population increase, 243, 244; reproduction rate of Moslems and Jews, 244; size of family, 203 ff.
Italy, mortality at various ages in, 5

Jamaica—age distribution, 215; death rate, 237; population increase, 243
Japan, rate of body growth in, 340

*Jones, C. F., Demographic Patterns in the Papago Indian Village of Chuichu, Arizona, 191-202
Joseph, A., Spicer, R. B., and Chesky, J., on size of Papago family, 192

Kajiro, K. G., Kikuchi, H. N., and Yoshiya, M., on constitutional anomaly with lack of enzyme catalase, 319
*Karpinos, B. D., and Grossman, H. A., Left-handedness among Selective Service Registrants, 36-49
Keys, A., on measurement of muscle and fat, 144, 151
Kinsey, A. C., Pomeroy, W. S., and Martin, C. E., on effect of church affiliation on marital relations, 235
Ko, S. R. and K. E., on age of first menstruation among Formosan Chinese, 354, 356
Kroeber, A. C., on effect of warfare on life span of American Indians, 10
*Krukierek, S., on environmental influences on growth of pelvis, 21-22

Lactation and orgasm, 165 ff.
Lambolez, R., on rate of body growth, 334
*Lasker, G. W., Age Factor in Bodily Measurements of Adult Male and Female Mexicans, 50-63; Population as a Unit of Study, 163-4
Left-handedness among Selective Service registrants, 36 ff.
Leg—composition, age and sex differences in, 144 ff.; ossification in an Australian tribe, 266, 271 ff.
Life span—and birth interval, 19; evidence of skeletal material on, 3 ff.; in a Papago community, 194, 200; of Hutterites in North America, 217

Malthus, T. R., on population growth, 252, 253
Marital relations—cultural influences on, 235; of Hutterites, 223
Marriage—rate of Hutterites, 222; tribal and intertribal, of Australian aborigines, 169 ff., of Ramah Navaho, 300 ff.
McGavack, T. H., and Drekter, I. J., on changes in blood cholesterol of thyrotoxic patients, 318
Metabolism, errors of, 318 ff.
Mexicans, age factor in body measurements of, 50 ff.
Migration and demographic pattern of—Australian aborigines, 170 ff.; Hutterites in North America, 207-08, 247-48; a Papago community in Arizona, 199
Military service, left-handedness and qualifications for, 37 ff.
Milk 'let-down' and orgasm in the human female, 165 ff.
Mobility and intermarriage, 170 ff.
Mongoloids, response to immunization of, 288 ff.
Mortality (see also Life span)—and sex, 239 ff.; cultural influences on, 10-11, 241 ff.; of selected populations, 237
Muscle, measurement of, 145 ff., 158

Navaho community—inbreeding coefficients of a, 296 ff.; kinship rules, 300, 302; matrilinear clans, 300
Near East, fertility of women in ancient, 203 ff.
Negritos of Australia, intertribal marriage of, 181
Negro in U. S. A., life-span of, 4, 5

Neuro-humoral responses of females, 167
Ngalia of Australia—intertribal marriage, 174 ff.; location of, 175; ossification, 265 ff.
Nutrition and—form of pelvis, 22; population growth, 10; stature, 61; thigh girth, 28 ff., 159 ff.

Obesity, measurement of, 144-45
Orgasm and milk 'let-down,' 165 ff.
Ossification of a Ngalia population, 265 ff.; effect of diet on, 266, effect of disease on, 266

Palestine, see Israel
Palm patterns of Egyptians, 156
Papago community, demographic patern of a, 191 ff.
Pearl, R., on—forecasts of population growth, 252; reproductive efficiency, 234-35
Pearl—Reed logistic curve of population growth, 251
Pelvis, sex determination from skeletal, 21 ff.
Pfitzner, W., on facial dimensions and age, 59
Physical type, determination of, 65 ff.
Population—and migration, 247-48; as a unit of study, 163-64; growth—and nutrition, 10; of Hutterite population in North America, 207 ff., 218, 243 ff.; of a Papago community, 201; in Australia, effects of, 171; theory of, 249, 251 ff.
Poverty and fecundity, 10, 259
Pubertal development—of English children, 74; of Formosan Chinese, 354-356; of Yugoslav students, 34-35
Pueblo Indians, estimated life-span of, 4, 5

*Quo Sung-ken, Mathematical Analysis of the Growth of Man, with Special Reference to Formosans, 333-58

Racial differences in skeletal indices to sex, 21
Ramah Navaho population—anthropology and location of, 299-300; inbreeding coefficients of, 295 ff.; kinship rules of, 299, 302; mating types, 303-09; matrilineal clans of, 300
Reproductive efficiency, 234
Reynolds, E. L., on distribution of fat in child body, 150
*Rife, D. C., Dermatoglyphics of Egyptians, 154-8
Robertson, T. B., on rate of body growth, 334
*Roche, A. F., Increase in Cranial Thickness during Growth, 81-92

Schultz, A. H., on growth and development of the chimpanzee, 94, 100, 101
Selective Service registrants, left-handedness among, 36 ff.
Sex—differences in body dimensions, 32 ff., 58, 68, 73, in composition of adult leg, 144 ff., in cranial thickness, 84 ff., in growth of chimpanzee, 98 ff., in life span of American Indians, 9, in mortality, 239 ff.; of skeletons, determination of, 21 ff,; ratio and development of sex differences, 32 ff., in a Papago community, 195; response and lactation, 165 ff.
Skeletons—as evidence on vital statistics, 3 ff.; determination of sex of, 21 ff.
*Škerlj, B., Thigh Girth as a Means for Evaluation of Nutritional Status, 28-31;

comment on, 159 ff.; Development of Sex Differences in Body Dimensions, 32-35
Smallpox, introduction in Australia, effect of, 172
*Spuhler, J. N., and Kluckhohn, C., Inbreeding Coefficients of the Ramah Navaho Population, 295-317
Stature and—age, 50 ff., 65 ff.; birth interval, 14 ff.; development of sex differences, 32 ff.; nutrition, 61, thigh girth, 30 ff.
Sterility among Hutterites of North America, 236
Stillbirth rates and birth intervals, 13, 20
*Sutton, H. E., and Vandenberg, S. G., Studies on the Variability of Human Urinary Excretion Patterns, 318-32

Technical aid to underdeveloped countries and population growth, 260
Texas Indians, life-span of early, 3 ff.
Thigh girth and nutritional status, 29 ff., 159 ff.
*Tindale, N. B., Tribal and Intertribal Marriage among Australian Aborigines, 169-190
Todd, T. W., on—mortality of primitive peoples, 11; thickness of male white cranium, 81
Tribal and intertribal marriage—among Australian aborigines, 169 ff.; effect of movement on, 170 ff.
Trotter, M., and Gleser, G., on age and stature, 61

Underdeveloped countries, probability of population growth in, 200
United States—death rate, 237; infantile mortality, 11; left-handedness, 36 ff.; life span, 4, 5; physical types among boys, 71; population—age distribution, 196-97, 215; increase, 243
Urinary excretions, measurements and variations of, 318 ff.

Vital statistics—evidence of skeletal materials on, 3 ff.; in a Papago community, 193 ff.; of Hutterites in North America, 214 ff.

Wagner, A., and Poindexter, C. A., on constitutional differences and cholesterol-esterifying activity in human serum, 319
Washburn, S. L., on length of pubic bone, 21; on phylogenetic comparisons, 133
Whelpton, P. K., and Kiser, C. V., on birth control in Indianapolis, 254
Wilkins, R. B., and Carlson, L. D., on qualitative differences in neutral 17-ketosteroids excretion, 319
Wright, S., on coefficients of inbreeding, 296 ff., 299

Yaws, effect on bone formation of, 266
Yerkes Laboratories of Primate Biology, 93 ff.
Yerushalmy, J., on stillbirth rate and birth intervals, 13, 20
Yugoslav children, study of thigh girth as index of nutritional status of, 28 ff.